IAP13 Rec'd PCT/PTO 21 FEB 2007

F `-	•	TRANSMITTAL LETTER TO	O THE UNITED STATES	ATTORNEY'S DOCKET No.			
		DESIGNATED/ELECTED	1030673-000210				
	C	CONCERNING A SUBMISSI	U.S. APPLICATION No. (If known)				
18.17		ATIONAL APPLICATION NO.	10/581,798				
IN I	EKN	ATIONAL APPLICATION NO.	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED			
TIT	TEO	PCT/JP2003/015496 FINVENTION	03 December 2003 (03-12-2003)				
			DDUCING METHOD, OPTICAL CARI	D AND COMPOSITE MEMORY			
CA	RD			o me o o me me mo me			
ΑP	PLICA	ANT(S) FOR DO/EO/US					
HΑ	TAK	EYAMA, Yasuhiko and HORIU0	CHI, Mikio				
App	olicant	herewith submits to the United States D	Designated/Elected Office (DO/EO/US) the follo	owing items and other information:			
1.		This is a FIRST submission of item	ns concerning a submission under 35 U.S	S.C. 371.			
2.	\boxtimes	This is a SECOND or SUBSEQUE	NT submission of items concerning a sul	bmission under 35 U.S.C. 371.			
3.			n national examination procedures (35 U.	S.C. 371(f)). The submission must			
		include items (5), (6), (9) and (21)					
		The US has been elected (Article 3	·				
5.		A copy of the International Applica	, ,,,,,,				
		<u> </u>	ed only if not communicated by the Intern	national Bureau).			
			by the International Bureau.				
		c. is not required, as the app	plication was filed in the United States Re	eceiving Office (RO/US).			
6.	\boxtimes	U.S.C. 371(c)(2))					
		a. 🛛 is attached hereto.					
		b. has been previously subr	mitted under 35 U.S.C. 154(d)(4).				
7.		Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
		a. are attached hereto (required only if not communicated by the International Bureau).					
		b. have been communicated	d by the International Bureau.				
		c. have not been made; how	wever, the time limit for making such ame	ndments has NOT expired.			
		d. \square have not been made and	will not be made.				
8.		An English language translation of	f the amendments to the claims under PC	T Article 19 (35 U.S.C. 371(c)(3)).			
9.	\boxtimes	An oath or declaration of the inven	itor(s) (35 U.S.C. 371(c)(4)).				
10.		PCT Article 36 (35 U.S.C. 371(c)(5		ary Examination Report under			
		11 to 20 below concern document(s) or information included:				
11.	\boxtimes	An Information Disclosure Statement					
12.		An assignment document for recornicluded.	rding. A separate cover sheet in complian	nce with 37 CFR 3.28 and 3.31 is			
13.	\boxtimes	Status Inqury					
14.		An Application Data Sheet under 37 CFR 1.76.					
15.	\boxtimes	Preliminary Amendment					
16.		A power of attorney and/or change	of address letter.				
17.		A computer-readable form of the s	equence listing in accordance with PCT F	Rule 13 <i>ter</i> .2 and 37 CFR 1.821-1.825.			
18.		A second copy of the published Int	ternational Application under 35 U.S.C. 1	54(d)(4).			
19.		A second copy of the English lange	uage translation of the International Appli	cation under 35 U.S.C. 154(d)(4).			
20.	\boxtimes	Other items or information: Interna	ational Search Report				

Us. APPLICATION NO. (If known) INTERNATIONAL APPLICATION NO. ATTORNEY'S DOCKET NO. 10/581,798 PCT/JP2003/015496 1030673-000210

The following fees have been submitted: CALCULATIONS PTO USE ONLY										
21. Basic National fee (37 CFR 1.492(a)) (1631) \$ 300					\$	0.00				
22.										
	If the w	ritten	opinion	prepared	by ISA/US or the interna	tional preliminar	′			
					y IPEA/US indicates all c					
PCT Article 33(1)-(4) (1643) \$ 0 All other situations (1633) \$ 200			\$	0.00						
23. 🗌	Search	fee (37 CFR	1.492(b))				-	0.00	
_	If the w	ritten	opinion (of the ISA	VUS or the international j					
	report 33(1)-(-		red by IP	EA/US ir	dicates all claims satisfy					
			37 CFR	1.445(a)(2)) has been paid on the		640) \$ 0 dication			
	to the l	JSPT	O as an I	nternatio	nal Searching Authority	(164	1) \$ 100			
					repared by an ISA other to Imunicated to the US by t		provided 2) \$ 400	ļ		
	All othe		•	,		•	2) \$ 500	\$	0.00	
	TOTAL	OF 2	21, 22 Al	ND 23 =				\$	0.00	
					s and drawings filed in pa	per over 100 sh	eets	•	0.00	
	(exclud	ling s	equence	listing in	compliance with 37 CFR	1.821(c) or (e) o				
					electronic medium) (37 cch additional 50 sheets o		n thereof.	1		
Total She			Sheets	Number	of each additional 50 or fraction round up to a whole number)			1		
0	-100 =	0	/50 =	0	lound up to a whole number)	x \$ 250		\$	0.00	
⊠ Surch	narge of \$	130 ((1617) for	furnishing	any of the search fee, exam	ination fee, or the	oath or	T i		
decla CLAIMS	ration aft	er the			nent of the national stage (3)			\$_	65.00	
			NUMBE		NUMBER EXTRA	RATE		<u> </u>		
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Independ			1	- 3 =	0	x \$ 200 (1614)		\$	0.00	
			T CLAIM		cable)	+ \$ 360 (1616)		\$	0.00	
			LCULATI		0 07050 407 5		410	\$	65.00	:
	``	ciaim	s small en	tity status.	See 37 CFR 1.27. Fees al	oove are reduced i	by 1/2	-	65.00	
SUBTOT		\$ 130	(1618) for	furnishin	the English translation late	r than 30 months f	rom the	\$	65.00	
			date (37 C				+		130.00	
TOTAL						····		\$	195.00	
Fee for re	ecording propriate	the en	closed as sheet (37	signment (CFR 3.28	(37 CFR 1.21(h)). The assign 3.31).\$ 40 per property	inment must be ac	companied +		0.00	
by an appropriate cover sheet (37 CFR 3.28, 3.31).\$ 40 per property + TOTAL FEES ENCLOSED =							\$	195.00		
							Amount		e refunded:	\$
						,	•		oe charged:	\$
					to cover the					
b. Please charge my Deposit Account No. 02-4800 in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed.										
The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any										
overpayment to Deposit Account No. 02-4800. A duplicate copy of this sheet is enclosed.										
d. Charge \$195.00 to credit card. Form PTO-2038 is attached. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been niet, a petition to revive (37 CFR 1.137(a) or										
(b)) must be filed and granted to restore the International Application to pending status							65.88 UP			
130.88 UP										
SEND ALL CORRESPONDENCE TO:										
Customer No 21839 SIGNATURE										
P.O. Box 1404 Alexandria, VA 22313-1404										
703 836 6620 William C. Rowland 30,888						30,888				
Date: Fe	hruan, 2	1 20	07		-	NAME			REGI	STRATION NO.



United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE UNITED STATES DEPARTMENT OF COMING United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Rox 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY	ATTY. DOCKET NO.		
10/581,798	Yashiko Hatakeyama	1030673-000210			
20.201,		INTERNATIONAL APPLICATION NO.			
	<u></u>	PCT/JP03/15496			
24820		I.A. FILING DATE	PRIORITY DATE		
21839 BUCHANAN INGERSOLL & ROONEY PC	_	12/03/2003			

POST OFFICE BOX 1404 **ALEXANDRIA, VA 22313-1404**

CONFIRMATION NO. 8695 371 FORMALITIES LETTER

OC000000022136697

Date Mailed: 01/25/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/02/2006
- Copy of the International Search Report filed on 06/02/2006
- U.S. Basic National Fees filed on 06/02/2006

The applicant needs to satisfy supplemental fees problems indicated below.

The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Translation of the application into English. Note a processing fee will be required if submitted later than 30 months from the priority date.
- Processing fee of \$130 for providing the translation of the application and/or the Annexes later than 30 months from the priority date (37 CFR 1.492(i)).
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$260 for a Large Entity:

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- \$130 Surcharge.
- \$130 for English translation surcharge required.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web. https://sportal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at http://www.uspto.gov/ebc.

if you are not using EFS-Web to submit your reply, you must include a copy of this notice.

VIRGINIA L IRBY

Telephone: (703) 308-9140 EXT 229

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
U.S. AFFEICATION NONDERTIC.		1000673 000010
10/581,798	PCT/JP03/15496	1030673-000210

FORM PCT/DO/EO/905 (371 Formalities Notice)